

[Manuals.plus](#) /

› [HOLDWELL](#) /

› HOLDWELL ES System Drive Control Module 1001092456 User Manual

HOLDWELL 1001092456

HOLDWELL ES System Drive Control Module

Model: 1001092456

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the HOLDWELL ES System Drive Control Module, part number 1001092456. This module is designed for compatibility with JLG ES Series Scissor Lifts. Please read this manual thoroughly before attempting any installation or operation to ensure safety and optimal performance of the equipment.

PRODUCT OVERVIEW

The HOLDWELL ES System Drive Control Module 1001092456 is a critical component for managing the drive functions of compatible JLG ES Series Scissor Lifts. It integrates various control signals to ensure precise and reliable movement.



Figure 1: Front-side view of the HOLDWELL ES System Drive Control Module. This image displays the main body of the module with its ribbed casing and several connection terminals on the top surface, including a blue connector.



Figure 2: Top view of the control module, showing various terminals, connectors, and a label with the part number "JLG1001092456" and other identification details. A 250A fuse rating is also visible.



Figure 3: Angled top view highlighting the "Vin 24V Vout" label, indicating the input and output voltage specifications. This view also shows the various screw terminals and multi-pin connectors.

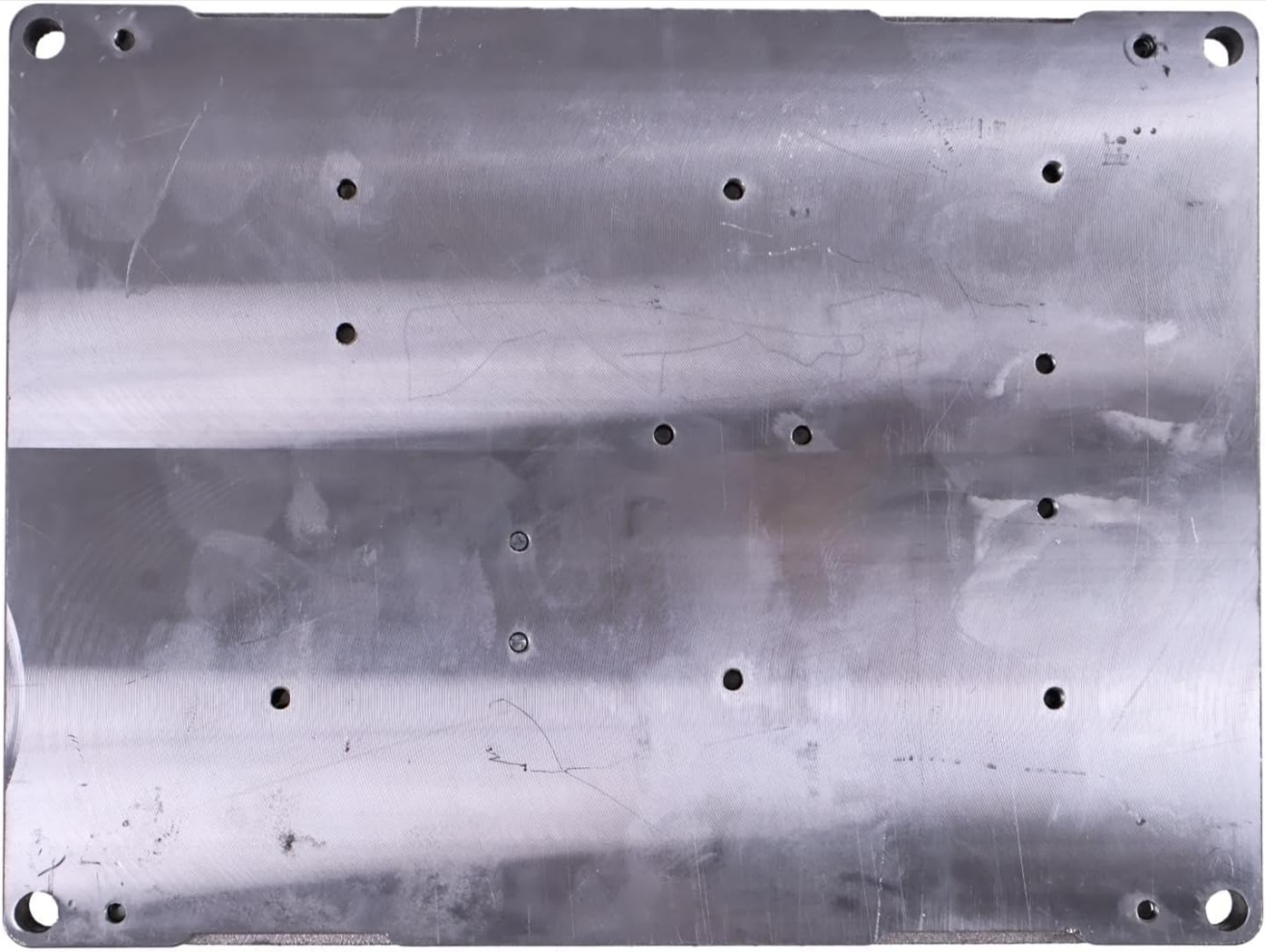


Figure 4: Bottom view of the control module, revealing the mounting plate with multiple screw holes for secure attachment to the equipment.

SPECIFICATIONS

Part Name	Drive Control Module
Part Number	1001092456
Manufacturer	HOLDWELL
Application	JLG ES Series Scissor Lift
Included Components	Drive Control Module
Display Type (if applicable)	LCD or LED (for connected interfaces)

SETUP AND INSTALLATION

Installation of the Drive Control Module should only be performed by qualified personnel with experience in JLG ES Series Scissor Lift maintenance and electrical systems. Improper installation can lead to equipment malfunction, damage, or personal injury.

- Safety First:** Ensure the scissor lift is powered off and locked out according to manufacturer safety procedures before beginning any work. Disconnect the battery to prevent accidental power-up.

2. **Locate Existing Module:** Identify the current drive control module on the JLG ES Series Scissor Lift.
3. **Disconnect Wiring:** Carefully label and disconnect all wiring harnesses and power cables from the existing module. Document the connections if necessary.
4. **Remove Old Module:** Unfasten and remove the old drive control module from its mounting location.
5. **Install New Module:** Mount the HOLDWELL 1001092456 module in the designated location, ensuring it is securely fastened.
6. **Reconnect Wiring:** Connect all wiring harnesses and power cables to the new module, ensuring each connection matches the original configuration. Double-check all connections for proper seating and polarity.
7. **Verify Installation:** Before restoring power, visually inspect all connections and mounting points.
8. **Restore Power and Test:** Reconnect the battery and restore power to the scissor lift. Perform functional tests according to the JLG service manual to confirm proper operation of the drive system.

OPERATING INSTRUCTIONS

The HOLDWELL ES System Drive Control Module 1001092456 operates as an integral part of the JLG ES Series Scissor Lift's control system. Its function is to interpret operator inputs and manage the drive motors for movement and positioning.

- **System Integration:** This module works in conjunction with the lift's main control panel and joystick. Ensure all other components of the drive system are functioning correctly.
- **Power-Up Sequence:** Upon powering on the scissor lift, the control module will perform a self-diagnostic check. Any errors will typically be indicated on the lift's display or by diagnostic lights.
- **Drive Control:** Use the lift's joystick or control panel to initiate drive commands (forward, reverse, steering). The module processes these commands to control the speed and direction of the drive motors.
- **Safety Interlocks:** The module is designed to integrate with the lift's safety interlock systems. Ensure all safety conditions (e.g., platform gates closed, outriggers deployed if applicable) are met for drive functions to engage.

Refer to the specific JLG ES Series Scissor Lift operator's manual for detailed operating procedures of the entire machine.

MAINTENANCE

Proper maintenance extends the life of the control module and ensures reliable operation of the scissor lift. Always follow the maintenance schedule outlined in the JLG ES Series Scissor Lift service manual.

- **Regular Inspection:** Periodically inspect the module and its connections for signs of wear, corrosion, loose wiring, or physical damage.
- **Cleanliness:** Keep the module free from dirt, dust, moisture, and debris. Use a soft, dry cloth for cleaning. Avoid using harsh chemicals or solvents.
- **Connection Integrity:** Ensure all electrical connections are tight and free from corrosion. Loose connections can lead to intermittent operation or damage.
- **Environmental Protection:** Ensure the module's housing remains sealed to protect internal components from environmental elements.

Do not attempt to open or repair the module yourself. Refer to qualified service technicians for any repairs or advanced diagnostics.

TROUBLESHOOTING

This section provides general troubleshooting guidance for issues potentially related to the drive control module. For detailed diagnostics, consult the JLG ES Series Scissor Lift service manual.

- **No Drive Function:**

- Check battery charge level.
- Verify all emergency stop buttons are disengaged.
- Inspect all wiring connections to the module for looseness or damage.
- Check for blown fuses related to the drive system.
- Ensure safety interlocks (e.g., platform gate) are properly engaged.

- **Intermittent Drive:**

- Inspect for loose or corroded electrical connections.
- Check for signs of moisture or debris affecting the module or connectors.

- **Error Codes:**

- If the scissor lift displays error codes, refer to the JLG service manual for their specific meaning and recommended actions.

If troubleshooting steps do not resolve the issue, contact qualified service personnel or HOLDWELL customer support.

WARRANTY AND SUPPORT

For warranty information regarding the HOLDWELL ES System Drive Control Module 1001092456, please refer to the documentation provided at the time of purchase or contact HOLDWELL directly.

If you have any questions about this product, its installation, operation, or require technical assistance, please feel free to contact HOLDWELL customer support. Provide your product model number (1001092456) and a detailed description of your inquiry for efficient service.